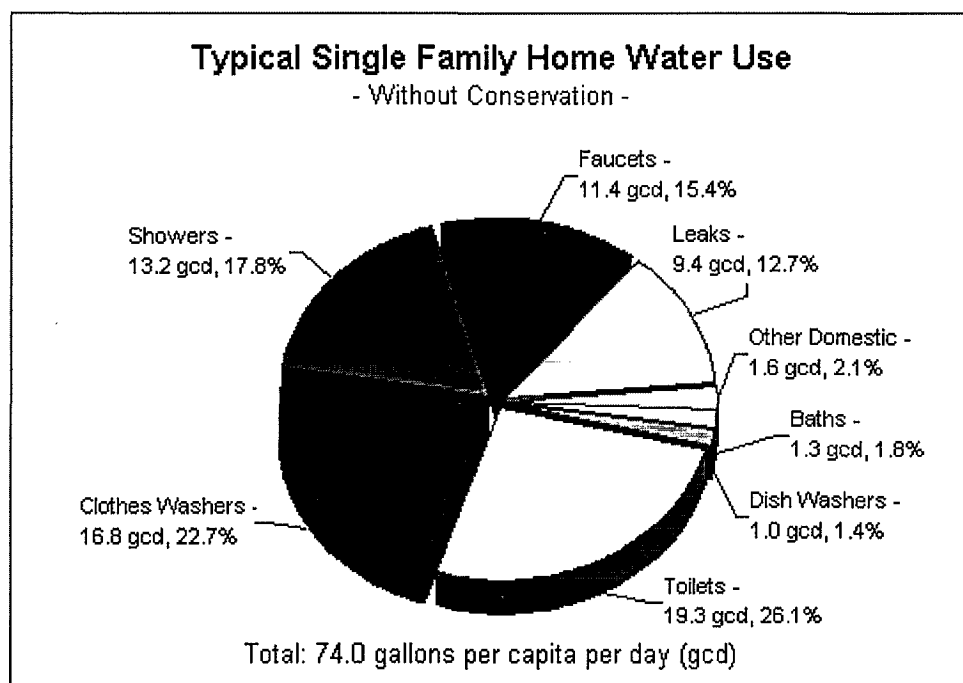


## Water Use Inside the Home -

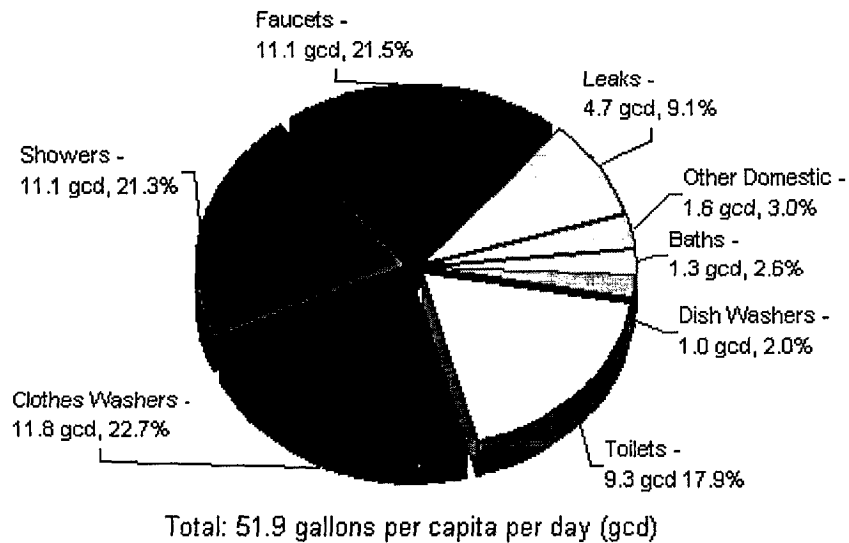
• **Without Conservation:** Water use in the typical single family home is quite variable and measurement of individual end use events is difficult. The chart below assumes that the typical home has no water conservation fixtures. Water use for such a home amounts to 74.0 gallons per capita (person) per day (gcd). The 74.0 gcd figure is a calculation based on the average value of 69.8 gcd plus an additional 6% (4.2 gcd) to account for existing conservation savings. See [supporting data table](#).



• **With Conservation:** The average home can reduce inside water use by approximately 30% to a total of 51.9 gcd by installing readily available water efficient fixtures/appliances and taking measures to minimize leaks, as shown in the chart below (see [supporting data table](#)). These fixtures/measures include:

- Install ultra-low flush toilets that flush with 1.6 gallons.
- Use showerheads that use no more than 2.5 gallons per minute when wide open.
- Use faucets that flow at 2.2 gallons per minute maximum.
- Replace the more common, less efficient (agitator type) clothes washer with a high efficiency (tumbler type) clothes washer which uses about 30% less water (and 40 - 50% less energy).
- Practice routine common sense leak detection and control for additional savings. Periodically, "zero read" your water meter for leaks and eliminate any leaks found by replacing leaking toilet flappers, worn valve seats, faucet washers and "o" rings, etc., does save water.

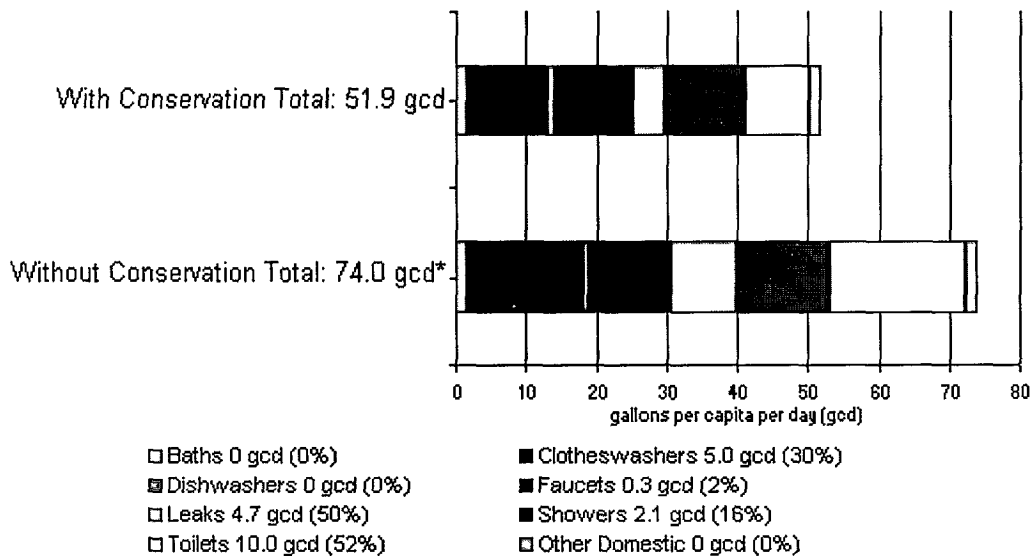
### Typical Single Family Home Water Use - With Conservation -



• **Potential Conservation:** The chart below shows the comparison of end use of water inside the home. Remember that this is based on a home with "no conservation fixtures" vs. one that has all the commonly available conservation fixtures and devices. In real life, this is rarely the case. Most areas of our country, whether rainy or dry, have for one reason or another been exposed to the need to conserve water. Values presented are in large part based on actual field measurements using new logging technology. See [supporting data table](#).

### Comparison of End Use of Water Inside the Home

Total Potential Savings: 22.1 gcd (30%)



\* Average inside use measured in 1188 homes in twelve North American cities with an additional 6% to account for estimated "in place" savings due to existing conservation.

[Outside Water Use](#) | [Summary Main Page](#) | [Landscape Tips](#)

The information contained in this Water Use Summary was researched and compiled under contract for WaterWiser by [John Olaf Nelson Water Resources Management](#).